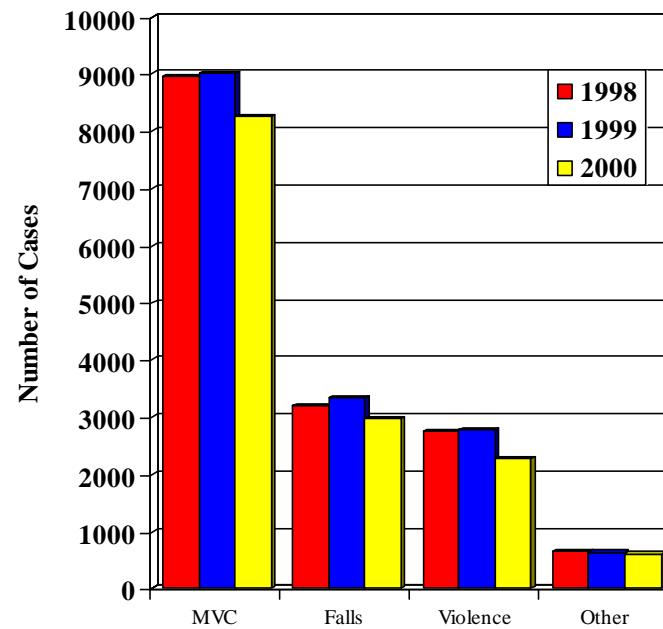


Mississippi Head Injuries Ambulance Transports by Etiology 1998 - 2000

- Motor vehicle occurrences account for 57.7% of the cases
- Falls account for 20.9% of the cases
- Violence related events (Fights, Struck by objects, GSW) account for 17.2% of the cases
- Other category includes such events as: Pedestrian, pedalcycle mishaps, animal being ridden, at a specified place, watercraft account for the remaining 4.2%

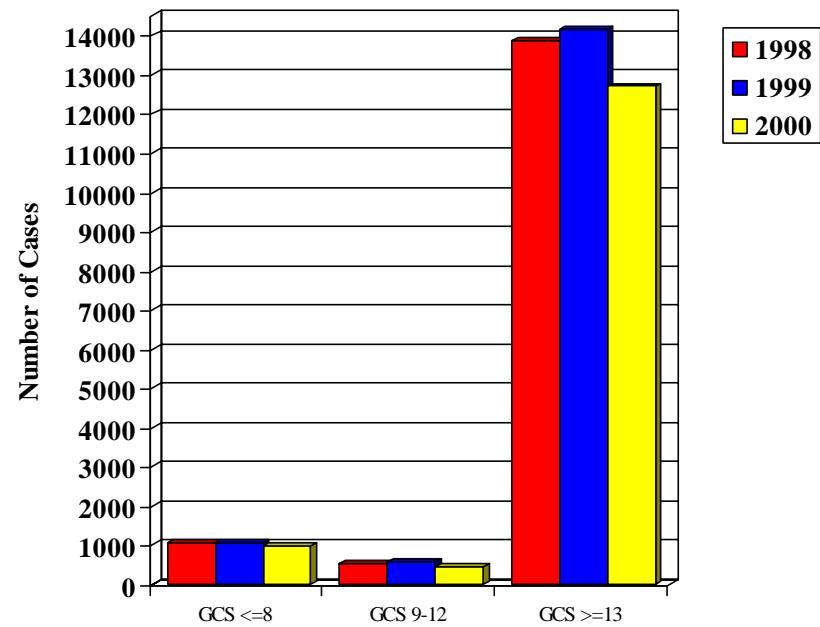


n= 45,432
MSDH -SCI/TBI Surveillance
EMS/Trauma Care System

Mississippi Head Injuries EMS Transports Severity by Glasgow Coma Score 1998 - 2000

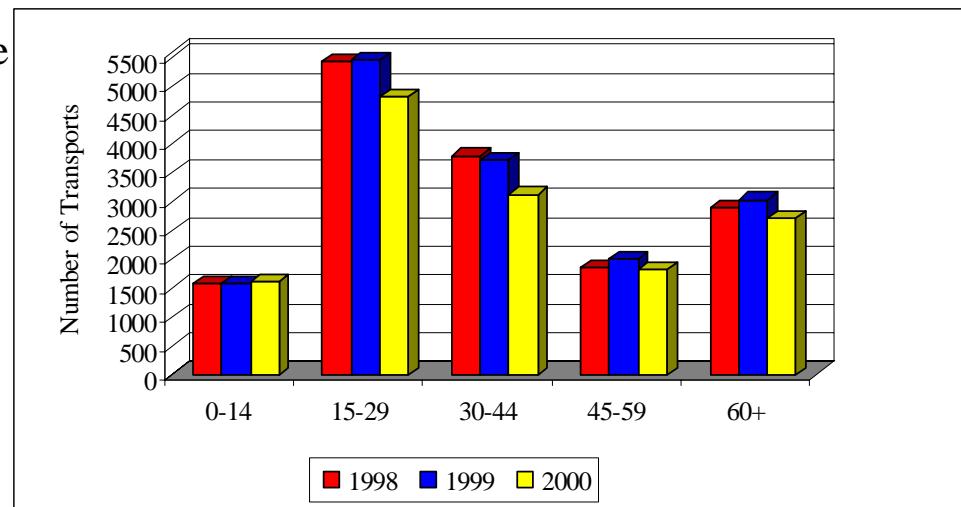
- 1026 individuals are transported by EMS annually with a GCS ≤ 8 (6.8%)
- 518 individuals are transported by EMS annually with a GCS between 9 and 12 (3.4%)
- 13,567 individuals are transported by EMS annually with a GCS ≥ 13 (89.8%)

A Coma Score of 13 or higher correlates with a mild brain injury, 9 to 12 is a moderate injury and 8 or less a severe brain injury



Mississippi Head Injuries EMS Transports by Age 1998 - 2000

- The overall age adjusted incidence rate among EMS transports was 233 head injuries per 100,000 population per year.
- The rate of head injuries was highest among persons 15-44 years of age (303/100,000) accounting for 58% of all EMS transports to Emergency Departments.

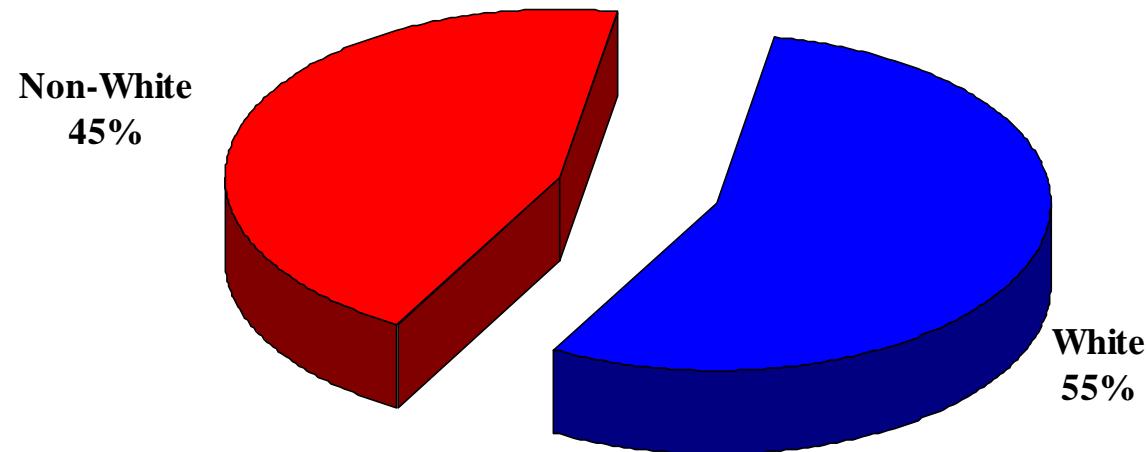


(age adjusted to the 2000 US population)



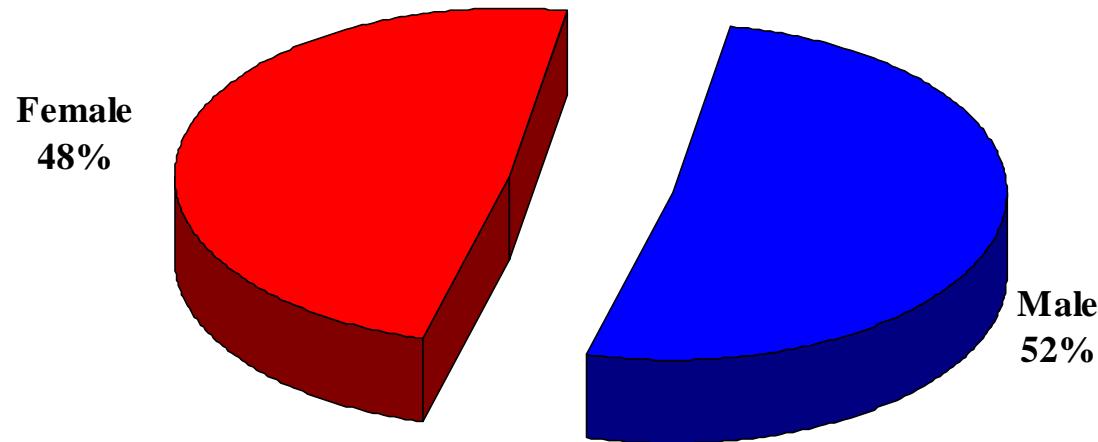
n= 45,432
MSDH -SCI/TBI Surveillance
EMS/Trauma Care System

Mississippi Head Injuries
EMS Transports by Race
1998 -2000



n=45,432
MSDH - SCI/TBI Surveillance
EMS/Trauma Care System

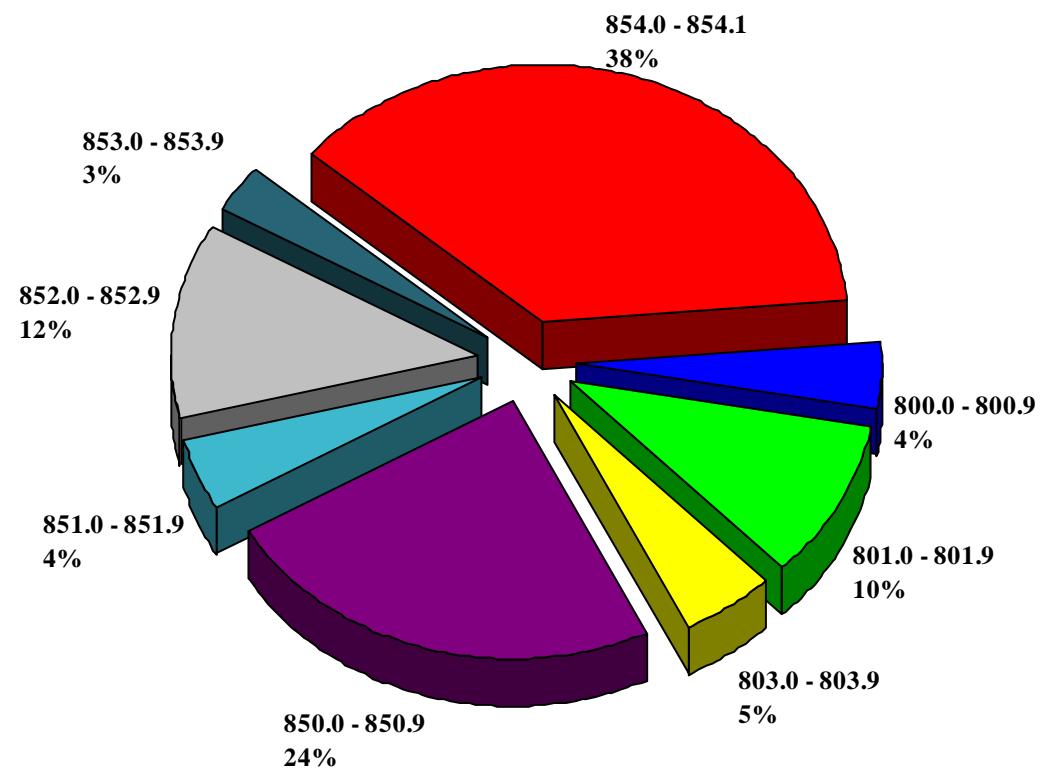
Mississippi Head Injuries EMS Transports by Sex 1998 -2000



n=45,432
MSDH - SCI/TBI Surveillance
EMS/Trauma Care System

Mississippi Head Injuries by ICD-9 1998

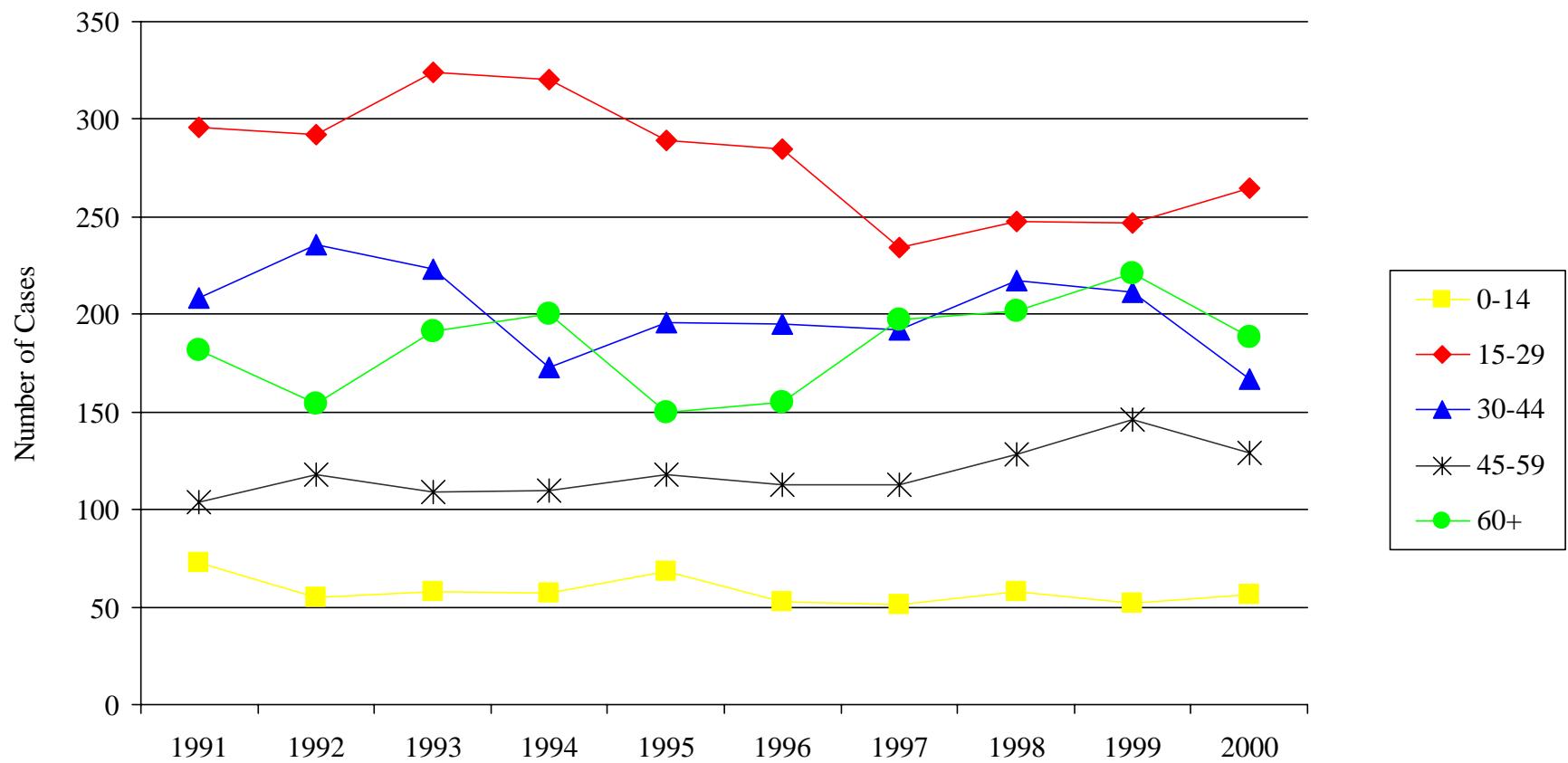
- **800.0 - 800.9** Fracture of the vault of skull
- **801.0 - 801.9** Fracture of the base of skull
- **803.0 - 803.9** Other and unqualified skull fractures
- **850.0 - 850.9** Concussion
- **851.0 - 851.9** Cerebral laceration and contusion
- **852.0 - 852.9** Subarachnoid, subdural, and extradural hemorrhage
- **853.0 - 853.9** Other and unspecified intracranial hemorrhage
- **854.0 - 854.1** Intracranial injury of other and unspecified nature



n=3037

MSDH - SCI/TBI Surveillance

Mississippi Traumatic Brain Injury Deaths Residents by Age 1991 - 2000



Mississippi Traumatic Brain Injury Deaths

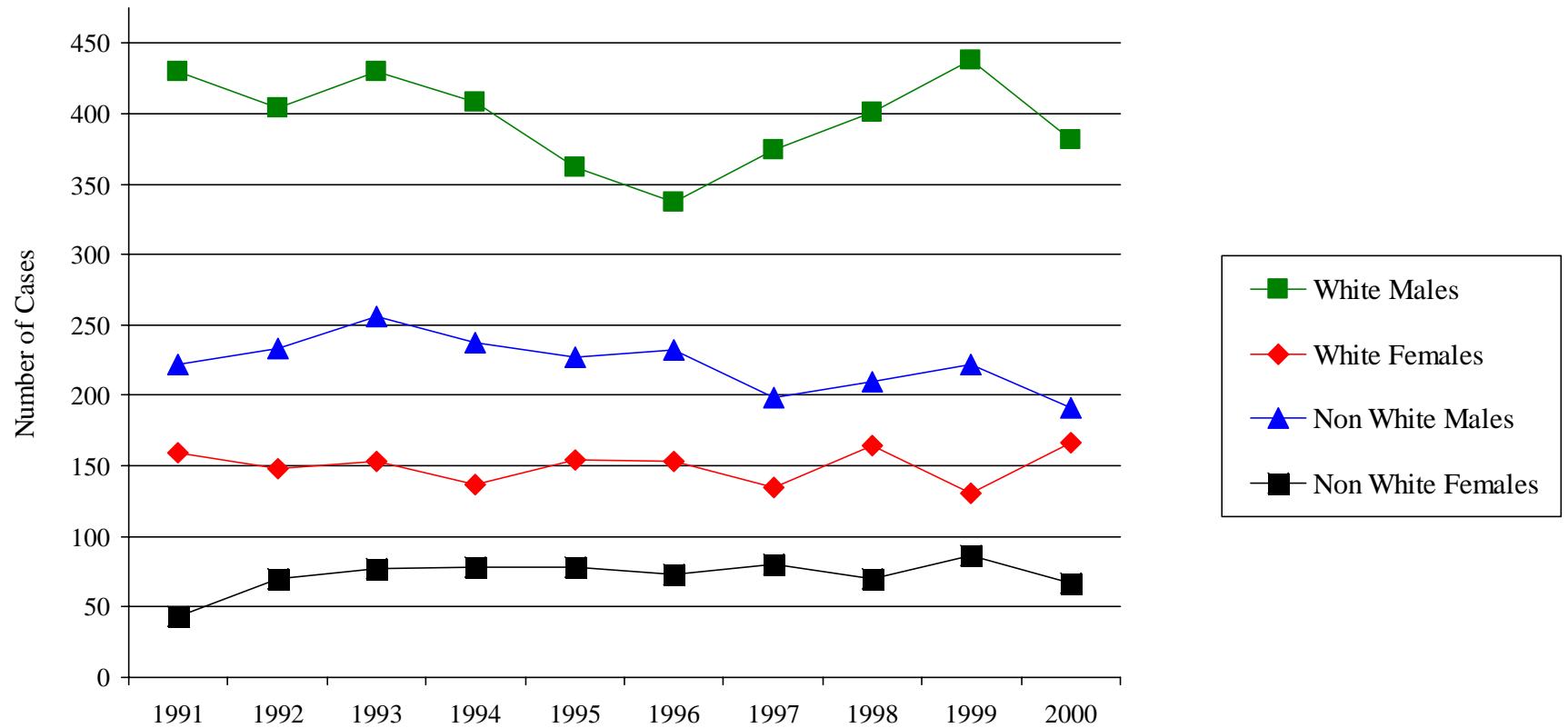
Residents by Age

1991 - 2000

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Total
0-14	73	55	58	57	68	52	51	61	52	56	583
15-29	296	292	324	320	289	284	234	238	247	265	2789
30-44	208	236	223	173	196	194	192	209	211	167	2009
45-59	104	118	109	110	118	110	113	136	146	129	1193
60+	182	154	191	200	150	155	197	201	221	188	1839
Total	863	855	905	860	821	795	787	845	877	805	8413
Incidence Rate Per 100,000	33.5	32.8	34.4	32.3	30.5	29.3	28.8	30.7	31.7	28.3	31.6
Age Adjusted Incidence Rate (2000 Population)	33.9	33.1	34.8	32.8	30.7	29.3	29.1	31.0	32.0	28.3	31.9



Mississippi Traumatic Brain Injury Deaths by Residence, Sex and Race 1991 - 2000



Mississippi Traumatic Brain Injury Deaths by Residence, Sex and Race 1991 - 2000

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Total
White Males	430	404	420	408	362	337	374	401	438	381	3955
White Females	159	148	153	137	154	153	135	165	131	167	1502
Non White Males	222	233	256	237	227	232	198	210	222	191	2228
Non White Females	53	70	77	78	78	73	80	70	86	67	732
Total	864	855	906	860	821	795	787	846	877	806	8417

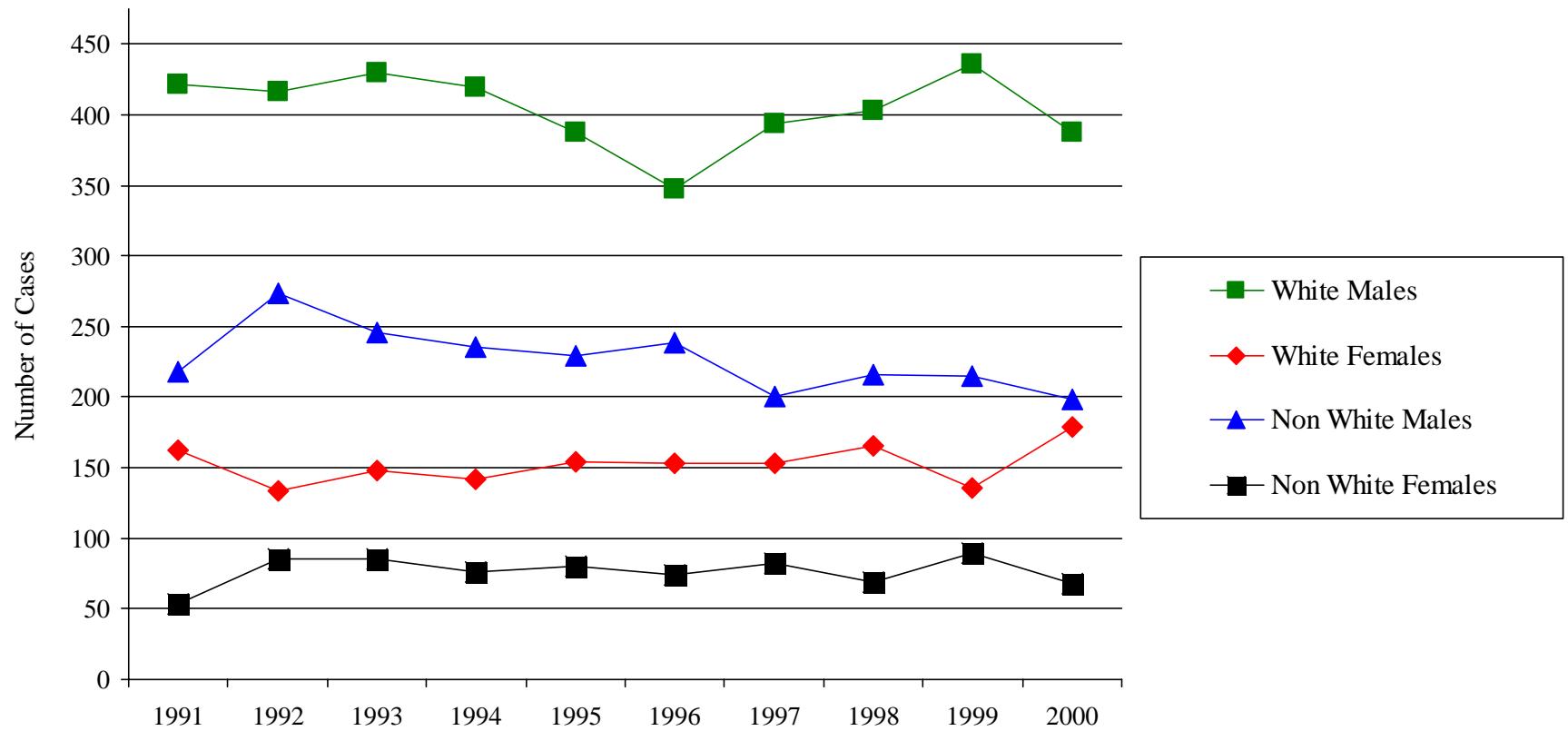
1991 and 1998 include 1 unknown from the age category



Mississippi Traumatic Brain Injuries

Occurrence of Deaths by Sex and Race

1991 - 2000

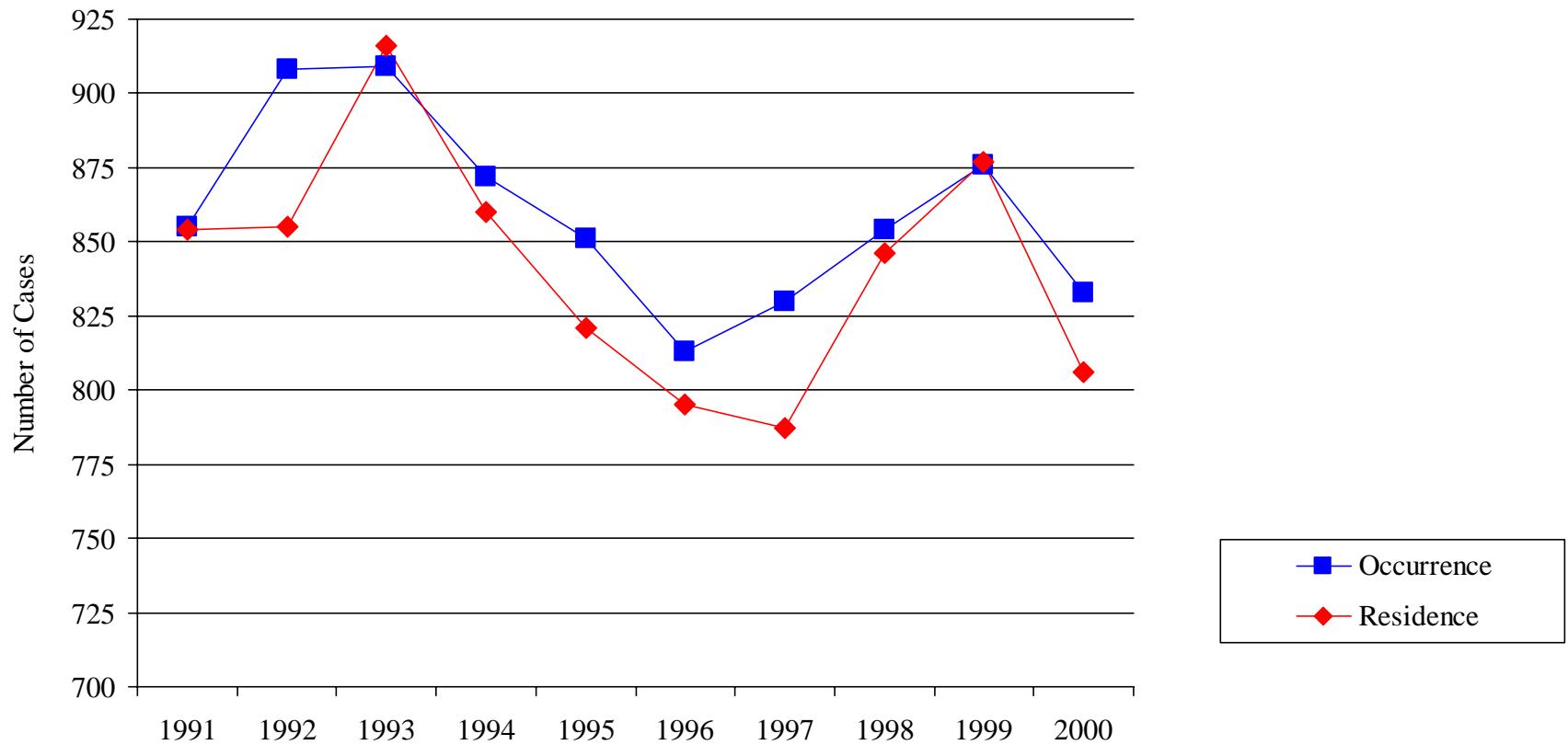


Mississippi Traumatic Brain Injuries
Occurrence of Deaths by Sex and Race
1991 - 2000

1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Total
422	416	430	419	388	347	394	403	436	388	4043
162	134	148	142	154	153	153	166	136	179	1527
218	273	246	235	229	239	201	216	215	198	2270
53	85	85	76	80	74	82	69	89	68	761
855	908	909	872	851	813	830	854	876	833	8601



Mississippi Traumatic Brain Injuries Death Cases by Residence and Occurrence 1991 - 2000



(R)n=7614 (O)n=7770

MSDH -SCI/TBI Surveillance/Vital Statistics